DAP

Digital Army Program - for maximization of combat force effectiveness

Elbit Systems™
Land and C4I

DAP

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The nature of modern warfare requires a digitalized battlespace that fully supports the entire spectrum of military operations. Elbit Systems' Digital Army Program (DAP) is a field-proven C^{4}I solution that connects all forces on land, air, and sea – from high-echelon HQ to the individual platform, sensor and soldier – creating a force multiplier by maximizing combat resource coordination.

DAP provides actionable, real-time information and enables universal situational awareness, in-depth collaborative mission planning and management and a constantly-updated common operational picture (COP). DAP implements advanced combat concepts that increase operational effectiveness and connectivity combining logistics, mission planning and fire support in one single system.

Highly scalable, DAP is based on an open architecture, seamlessly integrating with existing systems, communications infrastructure and sensors. DAP is the only C^{4}ISR solution to be fully deployed and in operation force-wide in a major military organization – the Israel Defense Forces (IDF).

Cross-echelon capabilities

DAP's rich functionality improves coordination between forces at different command levels, resulting in shorter reaction times under all combat conditions – from low to high intensity conflict, training exercises and routine reconnaissance. DAP's results are enhanced situational awareness for maneuvering forces, improved survivability and accuracy and more efficient manpower and resource utilization.

All-encompassing "system of systems"

DAP offers complete interoperability of all air, land and sea services, platforms and sensors to ensure true force-wide collaboration. From high-level integration of all land C^{4}I applications and battle management systems, through cutting-edge hardware and communications technology, to massive assimilation and training plans – DAP enhances combat force operational capabilities.

Unmatched capabilities with unique deployment

The only large-scale C4ISR system to be deployed and used force-wide under actual ongoing combat conditions, DAP is fully operational in all IDF command echelons. Together with comprehensive fielding and training programs, and including significant integration efforts with both existing and new systems, DAP has provided on-the-ground proof of the efficacy of NCW doctrine.

Scalable Architecture

DAP is comprised of tightly-integrated building blocks that leverage Elbit Systems' recognized hardware, software and C4I technologies. DAP also benefits from the Company's extensive experience in multi-disciplinary computerized C2 integration.

DAP's building blocks include:

- Information grid and communications
- Management and control
- Information assurance
- Command posts
- C4I applications
- Hardware
- Communications systems
- Platform upgrades
- Training modules
- System Development, Integration and Testing

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Key Advantages

- All-in-one C⁴I – single system for all tactical command levels
- Fully field-proven large – scale operational deployment in a major military organization
- Combines situational awareness, operations planning and battle management
- Effective force multiplier
- Highly scalable
- Built for real-world military organizations integrates with existing systems, communications infrastructure and sensors

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